AUG 2 8 2002 TECH CENTER 1600/2900



ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/123,291

DATE: 05/06/2002 VID TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq_Listing_for_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

```
3 <110> APPLICANT: Baker, Kevin P.
              Beresini, Maureen
      4
      5
              DeForge, Laura
      6
              Desnoyers, Luc
      7
              Filvaroff, Ellen
      8
              Gao, Wei-Qiang
      ġ.
              Gerritsen, Mary E.
     10
              Goddard, Audrey
     11
              Godowski, Paul J.
     12
              Gurney, Austin L.
     13
              Sherwood, Steven
              Smith, Victoria
     14
     15
              Stewart, Timothy A.
     16
              Tumas, Daniel
     17
              Watanabe, Colin K
              Wood, William
     18
     19
              Zhang, Zemin
     21 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
              ACIDS ENCODING THE SAME
     24 <130> FILE REFERENCE: P3330R1C28
C--> 26 <140> CURRENT APPLICATION NUMBER: US/10/123,291
C--> 26 <141> CURRENT FILING DATE: 2002-04-15
    ,26 <150> PRIOR APPLICATION NUMBER: 60/049911
     27 <151> PRIOR FILING DATE: 1997-06-18
     29 <150> PRIOR APPLICATION NUMBER: 60/056974
     30 <151> PRIOR FILING DATE: 1997-08-26
     32 <150> PRIOR APPLICATION NUMBER: 60/059113
     33 <151> PRIOR FILING DATE: 1997-09-17
     35 <150> PRIOR APPLICATION NUMBER: 60/059115
     36 <151> PRIOR FILING DATE: 1997-09-17
     38 <150> PRIOR APPLICATION NUMBER: 60/059117
     39 <151> PRIOR FILING DATE: 1997-09-17
     41 <150> PRIOR APPLICATION NUMBER: 60/059122
     42 <151> PRIOR FILING DATE: 1997-09-17
     44 <150> PRIOR APPLICATION NUMBER: 60/059184
     45 <151> PRIOR FILING DATE: 1997-09-17
     47 <150> PRIOR APPLICATION NUMBER: 60/059263
     48 <151> PRIOR FILING DATE: 1997-09-18
     50 <150> PRIOR APPLICATION NUMBER: 60/059352
     51 <151> PRIOR FILING DATE: 1997,-09-19
     53 <150> PRIOR APPLICATION NUMBER: 60/059588
```

54 <151> PRIOR FILING DATE: 1997-09-19 56 <150> PRIOR APPLICATION NUMBER: 60/059836

RAW SEQUENCE LISTING DATE: 05/06/2002 PATENT APPLICATION: US/10/123,291 TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq__Listing_for_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

57 <151> PRIOR FILING DATE: 1997-09-24 59 <150> PRIOR APPLICATION NUMBER: 60/062250 60 <151> PRIOR FILING DATE: 1997-10-17 62 <150> PRIOR APPLICATION NUMBER: 60/062285 63 <151> PRIOR FILING DATE: 1997-10-17 65 <150> PRIOR APPLICATION NUMBER: 60/062287 66 <151> PRIOR FILING DATE: 1997-10-17 68 <150> PRIOR APPLICATION NUMBER: 60/062814 69 <151> PRIOR FILING DATE: 1997-10-24 71 <150> PRIOR APPLICATION NUMBER: 60/062816 72 <151> PRIOR FILING DATE: 1997-10-24 74 <150> PRIOR APPLICATION NUMBER: 60/063045 75 <151> PRIOR FILING DATE: 1997-10-24 77 <150> PRIOR APPLICATION NUMBER: 60/063082 78 <151> PRIOR FILING DATE: 1997-10-31 80 <150> PRIOR APPLICATION NUMBER: 60/063127 81 <151> PRIOR FILING DATE: 1997-10-24 83 <150> PRIOR APPLICATION NUMBER: 60/063327 84 <151> PRIOR FILING DATE: 1997-10-27 86 <150> PRIOR APPLICATION NUMBER: 60/063329 87 <151> PRIOR FILING DATE: 1997-10-27 89 <150> PRIOR APPLICATION NUMBER: 60/063550 90 <151> PRIOR FILING DATE: 1997-10-28 92 <150> PRIOR APPLICATION NUMBER: 60/063561 93 <151> PRIOR FILING DATE: 1997-10-28 95 <150> PRIOR APPLICATION NUMBER: 60/063704 96 <151> PRIOR FILING DATE: 1997-10-29 98 <150> PRIOR APPLICATION NUMBER: 60/063733 99 <151> PRIOR FILING DATE: 1997-10-29 101 <150> PRIOR APPLICATION NUMBER: 60/063735 102 <151> PRIOR FILING DATE: 1997-10-29 104 <150> PRIOR APPLICATION NUMBER: 60/063738 105 <151> PRIOR FILING DATE: 1997-10-29 107 <150> PRIOR APPLICATION NUMBER: 60/063755 108 <151> PRIOR FILING DATE: 1997-10-17 110 <150> PRIOR APPLICATION NUMBER: 60/064248 111 <151> PRIOR FILING DATE: 1997-11-03 113 <150> PRIOR APPLICATION NUMBER: 60/064809 114 <151> PRIOR FILING DATE: 1997-11-07 116 <150> PRIOR APPLICATION. NUMBER: 60/065186 117 <151> PRIOR FILING DATE: 1997-11-12 119 <150> PRIOR APPLICATION NUMBER: 60/065846 120 <151> PRIOR FILING DATE: 1997-11-17 122 <150> PRIOR APPLICATION NUMBER: 60/066364 123 <151> PRIOR FILING DATE: 1997-11-21 125 <150> PRIOR APPLICATION NUMBER: 60/066453 126 <151> PRIOR FILING DATE: 1997-11-24

128 <150> PRIOR APPLICATION NUMBER: 60/066511

129 <151> PRIOR FILING DATE: 1997-11-24

RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/123,291**DATE: 05/06/2002

TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq_Listing_for_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

- 131 <150> PRIOR APPLICATION NUMBER: 60/066770
- 132 <151> PRIOR FILING DATE: 1997-11-24
- 134 <150> PRIOR APPLICATION NUMBER: 60/069212
- 135 <151> PRIOR FILING DATE: 1997-12-11
- 137 <150> PRIOR APPLICATION NUMBER: 60/069278
- 138 <151> PRIOR FILING DATE: 1997-12-11
- 140 <150> PRIOR APPLICATION NUMBER: 60/069334
- 141 <151> PRIOR FILING DATE: 1997-12-11
- 143 <150> PRIOR APPLICATION NUMBER: 60/069694
- 144 <151> PRIOR FILING DATE: 1997-12-16
- 146 <150> PRIOR APPLICATION NUMBER: 60/072320
- 147 <151> PRIOR FILING DATE: 1998-01-23
- 149 <150> PRIOR APPLICATION NUMBER: 60/073612
- 150 <151> PRIOR FILING DATE: 1998-02-04
- 152 <150> PRIOR APPLICATION NUMBER: 60/074086
- 153 <151> PRIOR FILING DATE: 1998-02-09
- 155 <150> PRIOR APPLICATION NUMBER: 60/074092
- 156 <151> PRIOR FILING DATE: 1998-02-09
- 158 <150> PRIOR APPLICATION NUMBER: 60/077791
- 159 <151> PRIOR FILING DATE: 1998-03-12
- 161 <150> PRIOR APPLICATION NUMBER: 60/078910
- 162 <151> PRIOR FILING DATE: 1998-03-20
- 164 <150> PRIOR APPLICATION NUMBER: 60/079294
- 165 <151> PRIOR FILING DATE: 1998-03-25
- 167 <150> PRIOR APPLICATION NUMBER: 60/079663
- 168 <151> PRIOR FILING DATE: 1998-02-27
- 170 <150> PRIOR APPLICATION NUMBER: 60/079728
- 171 <151> PRIOR FILING DATE: 1998-03-27
- 173 <150> PRIOR APPLICATION NUMBER: 60/080165
- 174 <151> PRIOR FILING DATE: 1998-03-31
- 176 <150> PRIOR APPLICATION NUMBER: 60/081203
- 177 <151> PRIOR FILING DATE: 1998-04-09
- 179 <150> PRIOR APPLICATION NUMBER: 60/081229
- 180 <151> PRIOR FILING DATE: 1998-04-09
- 182 <150> PRIOR APPLICATION NUMBER: 60/081695
- 183 <151> PRIOR FILING DATE: 1998-04-14
- 185 <150> PRIOR APPLICATION NUMBER: 60/081817
- 186 <151> PRIOR FILING DATE: 1998-04-15
- 188 <150> PRIOR APPLICATION NUMBER: 60/081818
- 189 <151> PRIOR FILING DATE: 1998-04-15
- 191 <150> PRIOR APPLICATION NUMBER: 60/082999
- 192 <151> PRIOR FILING DATE: 1998-04-24
- 194 <150> PRIOR APPLICATION NUMBER: 60/083322
- 195 <151> PRIOR FILING DATE: 1998-04-28
- 197 <150> PRIOR APPLICATION NUMBER: 60/083545
- 198 <151> PRIOR FILING DATE: 1998-04-29
- 200 <150> PRIOR APPLICATION NUMBER: 60/084600
- 201 <151> PRIOR FILING DATE: 1998-05-07
- 203 <150> PRIOR APPLICATION NUMBER: 60/084627

RAW SEQUENCE LISTING DATE: 05/06/2002 PATENT APPLICATION: US/10/123,291 TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq__Listing_for_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

204 <151> PRIOR FILING DATE: 1998-05-07 206 <150> PRIOR APPLICATION NUMBER: 60/084637 207 <151> PRIOR FILING DATE: 1998-05-07 209 <150> PRIOR APPLICATION NUMBER: 60/085149 210 <151> PRIOR FILING DATE: 1998-05-12 212 <150> PRIOR APPLICATION NUMBER: 60/085323 213 <151> PRIOR FILING DATE: 1998-05-13 215 <150> PRIOR APPLICATION NUMBER: 60/085338 216 <151> PRIOR FILING DATE: 1998-05-13 218 <150> PRIOR APPLICATION NUMBER: 60/085339 219 <151> PRIOR FILING DATE: 1998-05-13 221 <150> PRIOR APPLICATION NUMBER: 60/085579 222 <151> PRIOR FILING DATE: 1998-05-15 224 <150> PRIOR APPLICATION NUMBER: 60/085697 225 <151> PRIOR FILING DATE: 1998-05-15 227 <150> PRIOR APPLICATION NUMBER: 60/085704 228 <151> PRIOR FILING DATE: 1998-05-15 230 <150> PRIOR APPLICATION NUMBER: 60/086414 231 <151> PRIOR FILING DATE: 1998-05-22 233 <150> PRIOR APPLICATION NUMBER: 60/086430 234 <151> PRIOR FILING DATE: 1998-05-22 236 <150> PRIOR APPLICATION NUMBER: 60/087106 237 <151> PRIOR FILING DATE: 1998-05-28 239 <150> PRIOR APPLICATION NUMBER: 60/088026 240 <151> PRIOR FILING DATE: 1998-06-04 242 <150> PRIOR APPLICATION NUMBER: 60/088730 243 <151> PRIOR FILING DATE: 1998-06-10 245 <150> PRIOR APPLICATION NUMBER: 60/088741 246 <151> PRIOR FILING DATE: 1998-06-10 248 <150> PRIOR APPLICATION NUMBER: 60/088810 249 <151> PRIOR FILING DATE: 1998-06-10 251 <150> PRIOR APPLICATION NUMBER: 60/088858 W--> 252 <151> PRIOR FILING DATE: 19/98-06-11 254 <150> PRIOR APPLICATION NUMBER: 60/089532 255 <151> PRIOR FILING DATE: 1998-06-17 257 <150> PRIOR APPLICATION NUMBER: 60/089599 258 <151> PRIOR FILING DATE: 1998-06-17 260 <150> PRIOR APPLICATION NUMBER: 60/089907 261 <151> PRIOR FILING DATE: 1998-06-18 263 <150> PRIOR APPLICATION NUMBER: 60/089947 264 <151> PRIOR FILING DATE: 1998-06-19 266 <150> PRIOR APPLICATION NUMBER: 60/090349 267 <151> PRIOR FILING DATE: 1998-06-23 269 <150> PRIOR APPLICATION NUMBER: 60/090429 270 <151> PRIOR FILING DATE: 1998-06-24 272 <150> PRIOR APPLICATION NUMBER: 60/090445 273 <151> PRIOR FILING DATE: 1998-06-24

275 <150> PRIOR APPLICATION NUMBER: 60/090538

276 <151> PRIOR FILING DATE: 1998-06-24

RAW SEQUENCE LISTING DATE: 05/06/2002
PATENT APPLICATION: US/10/123,291 TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq_Listing_for_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

278 <150> PRIOR APPLICATION NUMBER: 60/090863 279 <151> PRIOR FILING DATE: 1998-06-26 281 <150> PRIOR APPLICATION NUMBER: 60/091360 282 <151> PRIOR FILING DATE: 1998-07-01 284 <150> PRIOR APPLICATION NUMBER: 60/091519 285 <151> PRIOR FILING DATE: 1998-07-02 287 <150> PRIOR APPLICATION NUMBER: 60/091982 288 <151> PRIOR FILING DATE: 1998-07-07 290 <150> PRIOR APPLICATION NUMBER: 60/093339 291 <151> PRIOR FILING DATE: 1998-07-20 293 <150> PRIOR APPLICATION NUMBER: 60/094651 294 <151> PRIOR FILING DATE: 1998-07-30 296 <150> PRIOR APPLICATION NUMBER: 60/095285 297 <151> PRIOR FILING DATE: 1998-08-04 299 <150> PRIOR APPLICATION NUMBER: 60/095301 300 <151> PRIOR FILING DATE: 1998-08-04 302 <150> PRIOR APPLICATION NUMBER: 60/095302 303 <151> PRIOR FILING DATE: 1998-08-04 305 <150> PRIOR APPLICATION NUMBER: 60/095325 306 <151> PRIOR FILING DATE: 1998-08-04 308 <150> PRIOR APPLICATION NUMBER: 60/096143 309 <151> PRIOR FILING DATE: 1998-08-11 311 <150> PRIOR APPLICATION NUMBER: 60/096146 312 <151> PRIOR FILING DATE: 1998-08-11 314 <150> PRIOR APPLICATION NUMBER: 60/096329 315 <151> PRIOR FILING DATE: 1998-08-12 317 <150> PRIOR APPLICATION NUMBER: 60/096768 318 <151> PRIOR FILING DATE: 1998-08-17 320 <150> PRIOR APPLICATION NUMBER: 60/096773 321 <151> PRIOR FILING DATE: 1998-08-17 323 <150> PRIOR APPLICATION NUMBER: 60/096791 324 <151> PRIOR FILING DATE: 1998-08-17 326 <150> PRIOR APPLICATION NUMBER: 60/096891 327 <151> PRIOR FILING DATE: 1998-08-17 329 <150> PRIOR APPLICATION NUMBER: 60/096895 330 <151> PRIOR FILING DATE: 1998-08-17 332 <150> PRIOR APPLICATION NUMBER: 60/096960 333 <151> PRIOR FILING DATE: 1998-08-18 335 <150> PRIOR APPLICATION NUMBER: 60/097141 336 <151> PRIOR FILING DATE: 1998-08-19 338 <150> PRIOR APPLICATION NUMBER: 60/097218 339 <151> PRIOR FILING DATE: 1998-08-20 341 <150> PRIOR APPLICATION NUMBER: 60/097951 342 <151> PRIOR FILING DATE: 1998-08-26 344 <150> PRIOR APPLICATION NUMBER: 60/097986 345 <151> PRIOR FILING DATE: 1998-08-26

347 <150> PRIOR APPLICATION NUMBER: 60/098525

350 <150> PRIOR APPLICATION NUMBER: 60/098750

348 <151> PRIOR FILING DATE: 1998-08-31

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/06/2002 PATENT APPLICATION: US/10/123,291 TIME: 08:54:55

Input Set : N:\COPIES\EBONY\Seq_Listing_for_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the $\langle 220 \rangle$ to $\langle 223 \rangle$ fields of each sequence which presents at least one n or Xaa.

Seq#:38; Xaa Pos. 877,882
Seq#:75; N Pos. 1428,1431
Seq#:101; N Pos. 2020
Seq#:137; N Pos. 2153,2160
Seq#:153; N Pos. 67
Seq#:179; N Pos. 2108
Seq#:181; N Pos. 1560,1561
Seq#:201; N Pos. 2157
Seq#:263; N Pos. 1447,1489,1593
Seq#:285; N Pos. 2715
Seq#:309; N Pos. 1837
Seq#:383; N Pos. 1620,1673
Seq#:385; N Pos. 1869,1887
Seq#:533; N Pos. 396

Seq#:37; N Pos. 2762,2778

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/123,291

TIME: 08:54:55

Input Set: N:\COPIES\EBONY\Seq_Listing_for_P3330R1C28.txt
Output Set: N:\CRF3\05062002\J123291.raw

L:26 M:270 C: Current Application Number differs, Replaced Current Application No L:26 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:252 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD L:4773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:2750 L:4990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:870 L:8710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:1400 L:10994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:2000 L:14681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137 after pos.:2150 L:16481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:50 L:18312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:179 after pos.:2100 L:18519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181 after pos.:1550 L:20611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201 after pos.:2150 L:26199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:1400 L:26201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:1450 L:26205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:1550 L:27753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:2700 L:29964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:1800 L:36860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:1600 L:36862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:1650 L:37026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:385 after pos.:1850 L:48644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:533 after pos.:350